METHOD AND SYSTEM FOR PERFORMING

STATELESS COMPRESSION OF MESSAGES

ABSTRACT OF THE DISCLOSURE

[65]   An approach for providing stateless compression is disclosed. A message (such as an

HTTP (HyperText Transfer Protocol) GET request message or a Domain Name Service

(DNS) message) is received from a host. A stateful compressor is initialized with a

prescribed sequence to yield a primed state. The message is input into a stateful compressor,

which outputs a compressed message based upon the primed state. The stateless compression

scheme has particular applicability to networks with high latency – e.g., a satellite network.